

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-5 Cancelled

6. (currently amended) An electronic method comprising:

accessing a network component;

retrieving a command set from the network component the command set including commands that the network component is capable of responding to;

determining a characteristic of the network component, wherein the determined characteristic is indicative of at least one of: device type, manufacturer, model, and operating system version;

generating a configuration schema using the retrieved command set, wherein the generated configuration schema corresponds to the network component; and

storing the generated configuration schema in accordance with the determined characteristic so as to enable the configuration schema to be identified from among a collection of configuration schemas that includes configuration schemas that are associated with ~~other routers~~ other network components.

7. (original) The method of claim 6 further comprising:

activating a command extraction mode of the network component.

8. (original) The method of claim 6, wherein retrieving the command set comprises:

retrieving a set of primary commands;

retrieving a set of subcommands for each of the primary commands in the set of primary commands; and

retrieving a set of bounds for a plurality of the set of subcommands for a first primary command.

9. (original) The method of claim 8, wherein generating the configuration schema comprises:

identifying a command array in the command set, wherein the command array includes a primary command and a subcommand associated with the primary command;

extracting the primary command from the command array; and

extracting the subcommand from the command array.

10. (original) The method of claim 9, wherein generating the configuration schema comprises:

forming an XML object using the extracted primary command and the extracted subcommand.

11. (currently amended) The method of claim 6, wherein the retrieved command set is a first command set and includes a plurality of primary commands and wherein generating the configuration schema comprises:

configuring ~~the router~~ the network component according to a first of the plurality of primary commands; and

retrieving a second command set;

wherein the second command set includes a plurality of subcommands associated with the first of the plurality of primary commands and wherein the first command set and the second command set are different.

12. (original) The method of claim 6, further comprising:

cleansing the retrieved command set.

Claims 13-15 (cancelled)

16. (original) The method of claim 6, wherein accessing a network component comprises:

accessing a router.

Claims 17-23 (cancelled).

24. (currently amended) A computer program product comprising:

a computer readable storage medium; and

a plurality of instructions stored upon the storage medium, the plurality of instructions configured to instruct an electronic device to:

access a network component;

retrieve a command set from the network component the command set including commands that the network component is capable of responding to;

determine a characteristic of the network component, wherein the determined characteristic is indicative of at least one of: device type, manufacturer, model, and operating system version; ~~and~~

generate a configuration schema corresponding to the network component, wherein the configuration schema is based upon the retrieved command set; and

store the generated configuration schema in accordance with the determined characteristic so as to enable the configuration schema to be identified from among a collection of configuration schemas that includes configuration schemas that are associated with ~~other routers~~ other network components.

25. (original) The computer program product of claim 24, wherein the plurality of instructions are further configured to instruct the electronic device to:

activate a command extraction mode associated with the network component.

26. (cancelled).

27. (original) The computer program product of claim 24, wherein the plurality of instructions are further configured to instruct the electronic device to:

retrieve a bound for a first command in the command set.

Claims 28-29 (Cancelled)